

A Device for Measuring the Percentage of Emission
Modulation in the Band up to 2 GHz, by
A. F. Shilov, et al. 5 pp.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 6, No 5, 1967, pp 674-675.
FTD S-600 7117 144 69

june 69

382,999

Use of Infrared Spectroscopy to Determine
Structural Changes in Ion-Exchange Strengthening
of Glass, by K. K. Yevstrop'yev & O. V. Zhukovskaya.
RUSSIAN, per, Zhurnal prikladnoy spektroskopii,
Vol 6, No 5, 1967, pp 680-681.
FTD-HI-23-276-68

AIR/FID/HI 23-276-68

Sci/Phys
Apr 68

Determination of the Degree of Cellulose
Sulfate Substitution From Infrared Absorp-
tion Spectra, by G. A. Petropavlovskiy,
G. G. Vasil'yeva.
RUSSIAN, per, Zhurnal Prikladnoy Spektro-
skopiy, Vol 6, No 6, 1967, pp 823-826.
FD-337-68

Dec 68

371,623

The Change in the Color of Polyvinyl Alcohol
During Heat Treatment (Dehydration and Formation
of Polyene Segments), by L.V. Smirnov, N.V.
Platonova, and K. R. Popov.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 7, No 1, 1967, pp 94-98.
FTD-S-323 333-65

Jan 69

374,341

Laser With Half-Wave Q-Switching Modulator Based
on an AIP Crystal, by V. N. Ovchinnikov, V. A.
Shmelev.

RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 7, No 1, 1967, pp 112-114.
FWD-S-285

FD-37 D 254 68

Jan 69

374,219

Perturbation Method for the Mathematical Treatment
of Open Resonators, by E. I. Vitkin.
RUSSIAN, per. Zhurnal Prikladnoy Spektroskopii,
Vol 7, No 2, 1967, pp 187-192.
FTD-S-244 340 - 68

Jan 69

374,206

Utilization of a Laser Interferometer to Determine
the Electron Concentration in Plasma Jets, by
A. A. Ovsyannikov, L. S. Polak.
RUSSIAN, per, Zhurnal Prikl Spektr, Vol 7, No 2,
Aug 1967, pp 198-201.
CIA X-6789

Nov 68

353,540

Neodymium Glass Laser with Electrooptical
Q-Switching, by A. P. Zharkov.
RUSSIAN, per, Zh Prik Spekt, Vol 7,
No 2, 1967, pp 269-270.
FTD-S-418 341-65

Mar 69

377,231

Occurrence of Angular Oscillation Modes When the Resonator Mirror of an NKC is Tilted, by
N.P. Vanyukov, V.I. Isayenko, et al. 7 pp.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol. 7, No 3, 1967, pp 336-339.
AIR/PTD/M-24-187-68

sci/physics
may 69

381,132

Influence of rate of switching of the Optical
Cavity on Characteristics of Laser Emission, by
I. F. Balashov, B. G. Borozin, et al. 10 pp.
Leningrad, per, Zhurnal Prikladnoy Spektroskopii,
Vol. 7, No 3, 1967, pp 354-359.
AIR/FTD/24-187-68

sci/physics
May 69

381,135

Operation of an Optical Quantum Amplifier in a
Gaseous Mixture, by Ye. P. Kuznetsov, I. P.
Nazan'ko.

RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 7, No 3, 1967, pp 360-366.

FTD-S-289-264-68

Jan 69

574, 226

Investigation Infrared Spectra of Grafted Copolymers, by V. V. Korshak, B. V. Lokshin, K. K. Mozgova, and Yu. V. Yegorova.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 7, No 3, 1967, pp 367-370.
FTD-S-322 332-68

Jan 69

374,340

Request translation check 12-11-6 BTG8-10-3595P

Infrared absorption spectra of polymers based on bisphenols and formaldehyde during their hardening and thermal
L I Komarova, V V Korshak, et al
Zhurnal prikladnoy spektroskopii, vol 7, nr 4, 1967,
611-614

for process as

MT-23-24-69

relabel
2/19

Organic Absorption Light Filters of the
Cutoff Type for the Spectral Region 310+
500 nm, by M. A. Okatov, L. I. Voronina.
RUSSIAN, per, Zhurnal Prikladnoy Spekt.,
Vol 7, No 4, 1967, pp 638-643.
AIR/FTD/HT-23-476-68

Sci-Phys
Apr 69

379, 874

Scattering of Short-Duration Light Signals
in a Turbulent Medium, by I. L. Katsev,
A. P. Ivanov.
RUSSIAN, per, Zhurnal Prik Spekt, Vol 7,
No 5, 1967, pp 714-721.
AIR/FTD/HT-23-475-68

Sci-Phys
Apr 69

379,861

Increasing the Effective Q-Switching Speed
in Rotating-Prism Ruby Lasers, by
V. A. Filipovich, Yu. F. Morgun.
RUSSIAN, per, Zhurnal Prik Spekt, Vol 7,
No 5, 1967, pp 760-762.
AIR/FTD/HT-23-475-68

Sci-Phys
Apr 69

378,862

On the Question of the Intensity of the
Lines of a Forced Combination Scattering
in Mixtures, by A. V. Bortkevich,
Ya. S. Bovovich.
RUSSIAN, per, Zhurnal Prik Spekt, Vol 7,
No 5, 1967, pp 767-770.
AIR/PTD/HT-23-475-68

Sci-Phys
Apr 69

379,863

The Chemiluminescence, EPR, and Electron
Absorption Spectra of Sodium-Calcium-
Silicate Glasses, by T. A. Sedorov, V. A.
Tyul'kin, V. S. Aksenov.
RUSSIAN, per, Zhurnal Prikladnoi Spektroskopii,
Vol 7, No 5, 1967, pp. 773-80.
NKC 69-11209-201

Sci-Phys
July 69

388,822

Request translation check

LG-55 and LG-56 gas lasers

No author

Russ per: Zhurnal prikladnoy spektroskopii, v. 7, no 5,
1967, 793-799

HT-23-1196-68

Parameters of Giant Laser Pulses in Instantaneous
Switching, by D. I. Stasel'ko, V. Ye. Khartsalyev.
12 pp.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 7, No 6, 1967, pp 838-844.
ADIV/TFD/MF-23-1072-68

sci/physics
july 69

384,227

Source of Vacuum Ultraviolet Radiation
Based on Excitation of Supersonic Gas
Jet by an Electron Beam, by Ye. T. Vork-
hovtsev, V. P. Strel'nikov.
RUSSIAN, per, Zhurnal Prikladnoy Spek-
troscopy, Vol 7, No 6, 1967, pp 859-864.
FTD-S-368 335-68

DIA LN 354-72

Mar 69

375,412

Studying the Mechanism of Behavior of a
Powerful Pulsed Electric Discharge on the
Surface of a Cathode, by Ye. I. Voronov.
RUSSIAN, per, Zhurnal Prikladnoy Spektros-
kpiy, Vol 7, No 6, 1967, pp 932-933.
PTD-S-400 133. 64

Mar 69

378,663

Certain Results of Investigation of a
Crystal of RDP (RbH_2PO_4) Used as Laser
Frequency Multiplier, by Ye. V. Nilov.
I. L. Yachnev.
RUSSIAN, per, Zhurnal Prikl Spekt, Vol 7,
No 6, 1967, pp 943-945.
AIR/PTD/HT-23-477-68

Sci-Phys
Apr 69

379 867

The Feasibility of Increasing Power from a
CO₂-Hg-He Mixture, by A. A. Lokhan,
Ye. N. Yemorova.
RUSSIAN, per, Zhurnal prikladnoy spektroskopii.
Vol 7, no 6, 1967, pp 954-956.

U-TD-MI-23-252-68

JPLS 54720

Sci-Chem
Jun 68

Energy of the Giant Pulse of a Ruby Laser as a
Function of Crystal Temperature, by L. D. Khazov.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopiy,
No 7, 1967, pp 114-115.
*FTD HT Special 127-70

May 70

Reduction of the Duration of Ruby Lasers, by
R. I. Gintoft.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopiy,
Vol 7, No 7, 1967, pp 618-620.
*FID HF Special 125-70

May 70

Limit of duration and Energy of Free Generation of
a Ruby Laser, determined by the Adiabatic Heating
of the Crystal, by A. S. Rubanov.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopiy,
Vol 7, No 7, 1967, pp 946.
*FTP HT Special 126-70

May 70

Absorption and Luminescence of Trivalent Samarium in Oxide Glasses, by I. A. Zhmyreva.
RUSSIAN, per, Zhurnal Prik Spekt, Vol 8, No 1, 1968, pp 67-73.
(19)-68-513-RULL - MIT/Lin Lab
Available from NTC

June 69

383,253

Photoelectric Pyrometer for Measuring True Temperature of Tungsten. 1. Mode of Operation and Analysis of Errors in the Measurement of True Temperatures, by V. D. Dmitriyev, G. K. Khlopov.

RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii, Vol 8, No 2, 1968, pp 216-222.

FTD-S-409 34-69

Apr 69

379,932

Certain Characteristics of the Use of Laser
Spectra in a Monopulsed System for Analysis,
by V. I. Kasatkin. 6 pp.
NEMIAN, par., Zh Prik Spekt, Vol 8, No 2,
1968, pp 223-226.
NASA TT F-12,696

Sci-Phys
Feb 70

403,168

Transformation of Generation Channels and Simultaneous
Generation of Two Frequencies in Four Level Systems,
by A.M. Sarason, R.A. Karamaliyev.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii, Vol 8,
No 2, 1968, pp 227-237.

FTU-3-243-2/3-2/8

Jan 69

373,538

Changes Occurring in the Active Element of a Solid-state Laser Heated by the Pump Light, by

A. P. Beduta.

RUSSIAN, per, Zhurnal Prikladnoy Spektroskopiy,
Vol 8, No 2, 1968, pp 238-243.

*FTD HT Special 129-70

May 70

Two-Lens Compensator for Hologram Chromatish, by
Sh. D. Kakichashvili.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
No 2, 1968, pp 329-331.
FTD RT Special 388-70

Sci-Phys
Dec 70

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000301010058-0

A Two-Dimensional Resonator Laser, by
B. B. Boyko. 4 pp
RUSSIA, per. Zhurnal Prikladnoy Spektroskopii,
Vol 8, No 2, 1968, pp 351-353.
AIRMTD-MR-23-815-68

Sci-Phys
Sep 68

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000301010058-0

Miniatute High-Speed Spectrometer for the
Near Infrared Range 0.8-3μ, by
V. K. Goncharov.
RUSSIAN, per, Zh Prikl Spekt, Vol 8, № 2,
1968, pp 356-359.
CIA X-6952

Mar 69

378,050

*Time Studies of the Emission of Vapors During a
Combined Excitation Process, by A. V. Karyakin
RUSSIAN, per, Zhurnal Prikladnoi Spektroskopii,
V. 8, Mar 1968, p. 433-438.
NASA TT-F-13, 540*

NTC 12-11370 - 20E

Mar 71

IR Spectroscopy Study of Branch Copolymers
of Cellulose Acetate with Polymethacrylic
Acids and Fibers on Their Basis, by
N. I. Garbuz, R. G. Zhabankov.
RUSSIAN, per, Zhurnal Prik Spekt., Vol 8,
No 3, 1968, pp 469-473.
FTD-S-382 344-68

Feb 69

374,435

Increasing the Effectiveness of Utilization of
Material for Spectral Analysis Using Lasers, by
O. I. Putranko. 5 pp.
RUSSIAN, par, Zh Prik Spekt, Vol 8, No 3, 1968,
pp 500-502.
NASA TT F-12,693

Sci-Phys
Jul 70

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000301010058-0

Ruby Laser, Generating a Single Mode, by N. Ye. Korno-
yev, A. V. Polomeyov.
RUSSIAN, por, Zhurnal Prikl Spektroskopiiya, Vol 8,
No 3, 1967, pp 503-504.
FTD-S-150 150 - 6.8

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000301010058-0

Laser Plasma Formation and Material Evaporation
of Different Materials, by M. V. Akhmanova
RUSSIAN, per, Zhurnal Prikladnoi Spekstroskopii,
V. 8, Mar 1968, p. 584-587.
*NASA TT-F-13, 539

Mar 21

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000301010058-0

Measurement of Gain in CO₂ Transitions 00⁰1-10⁰1
and 00⁰1-02⁰0, by I. K. Babayev. 6 pp.
SOVIETIAN, per, Zh Prik Spekt, No 4, Oct 1968.
ACSI J-7723
FSTC-HT-23-099-70

Sci-Phys
Jul 70

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000301010058-0

Luminescence of Ionic Crystals, by F. D. Klement,
Ch. B. Lushchik.
RUSSIAN, por, Zh. Fiz. Spektroskopii, Vol 8,
No 4, 1968, pp 545-552.
(129)-69-247-RULL--NIT/Linc
Available from NTC 72-10978-20F

May 69

380,426

A Study of the Mechanism of the Formation of the
Gas Temperature of a Discharge in a Chilled
Tubular Cathode, by A. G. Zhiglinskiy,
T. N. Khlorina.
RUSSIAN, par, Zhurnal Priklad Spektros, Vol 8,
No 4, 1968, pp 562-570.
O. A. Trans. 1039

Sci-Phys
Dec 70

An Investigation of the Evaporation
Processes of a Substance and Plasma
Development When Laser Radiation
Strikes Different Materials, by

M. V. Akhmatova.

RUSSIAN, per, Zhurnal Fizikalnoi
Spektroskopii, Vol 8, No 4, 1968,

pp 584-587.

NTC 72-11299-20E

NASA TR F 13,539 8 pp

May 72

Internal Modulation of Generated Flow In Neodymium
Lasers with Flat Mirrors, by S. A. Mikhnov.
RUSSIAN, per, Zhurnal Prikladnoy spekloskopii,
Vol 8, No 4, 1968, pp 593-598.
FTD-S-249 161-68

Jan 69

374,211

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000301010058-0

Request translation check 25-6-10 BT69-11-704T

Possible Optical Cooling

E I Arsene'yev

Zhurnal Prikladnoy Spektroskopii, v 8, nr 4, 1968, 610-611

On process as

HT-23 - 473-69

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by agent*

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000301010058-0

Determining the Time Constants of Radiation Detectors by Means of the Transient in a Selective Amplifier, by V. S. Davydov, B. G. Pustovoyt.
RUSSIAN, per, Zhurnal Prikl Spekt, Vol 8,
No 4, 1968, pp 619-623.
FTD-S-374 62-69

Mar 69

375,452

Studying the Surface Structure of Vitreous and
Crystalline Silicates of Sodium, Subjected to
Etching, by the Method of Infrared Spectroscopy.
I., by K. P. Dutova, V. A. Florinskaya. 7 pp.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii
Vol 8, No 4, 1968, pp 624-628.

FID 8-591 Special No number

may 69

381,279

Features of the Electroluminescence of
Sublimated ZnSe (Cu,I,Cl) Layers, by
G. A. Zholkevich, K. F. Rudkovskiy, K. I.
Papunashvili, S. V. Shalepa.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopiy,
Vol 8, No 4, 1968, pp. 638-642.
LL (130)-69-248

Aug 69

389,576

High-Temperature Cuvettes for Studying the
Infrared (IR) Spectra of Solid Bodies and
Associated Molecules, by Yu. M. Shchekochikhin,
V. M. Shchekochikhin, et al. 7 pp.
RUSSIAN, per, Zhumal Prikladnoy Spektroskopii,
Vol 8, No 4, 1968, pp 696-699.
FTD S-587 .2/5 (69)

May 69

381,276

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000301010058-0

Degradation of Neodymium Glass Parameters in Laser
Operation, by I. M. Buzhinskiy, et al.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 8, No 5, 1968, pp 731-737
FTD-HT Special 498-69

oct 69

393,084

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000301010058-0

Screening of a Metal Surface by Fracture Products
Generated by Low Density Laser Radiation, by
G. S. Romanov, K. L. Stepanov, 15 pp.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopiy, Vol 8,
No 5, 1968, pp 753-763.
ARM/FSTC/HT-23-1156-71

CIA X-66 P 7

Jan 72

Application of a Fabry-Pérot Interferometer for
Measuring Low Absorption Coefficients in Gases,
by V. K. Kanyukhov, I. V. Matrosov. 6 pp.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 8, No 5, 1968, pp 764-767.
FTD S-501 23 / 69

sci/physics
may 69

381,270

Recombination Radiation and Bremsstrahlung of
Electrons in a Field of OII and NII Ions, by
S. G. Gronishin, L. S. Nikolayevskiy.
RUSSIAN, per, Zh Prikl Spekt, Vol 8, No 5, 1968,
pp 803-806.
CIA X-6690

August 68

357,505

Q-switching of a CO₂ Laser, by Ye. T. Antropov.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 8, No 5, 1968, pp 861-863.
ITD IT Special 326-68

mar 70

404,364

Luminescence of Glassed Activated by Ferric Iron,
by S. G. Lunter, 7 pp.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 8, No 6, 1968.
ARM/FSTC/MT-23-377-69

Sci/Mat
Aug 69

389,919

HFC (SC-T-722472) "DISTRIBUTION OF TEMPERATURE
AND POPULATION IN RUBY LASER RODS DURING PUMPING."
Vedula, A. P. Translated for Sandia Labs., Albuquerque, N. Mex.,
from Zh. Prikl. Spektrosk., 9: No. 6, 964-8 (Dec 1968). 10p. 24
Dep. NTIS.

20physics; translations 20
20MN-34 20P NSA

Diffusion of Polarized Light by Polymeric Films.
Raleigh Gens Diffusion by a Three-Dimensional
Annular Spherelite, by Yu. I. Kotov. 8 pp.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 8, No 6, 1968, pp 984-989.

FTD S-706A Special 367-69

367-69

july 69

387,325

Absorption of Light by Polymethylmethacrylate
in Excited States, by Yu. V. Naboykin. 2 pp.
RUSSIAN, par, Zhurnal Prikladnoy Spektroskopii,
Vol 8, No 6, 1968, pp 1053-1054.
FTD S-7000 367 69

367-69

july 69

387,326

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000301010058-0

Infrared Absorption in GaAs, Containing Structural
Impairment, by A. A. Patrin, V. F. Stel'makh, et al.
7 pp.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 9, No 1, 1968, pp 104-107.
S-588

FTD Special 254-69

May 69

382,921

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000301010058-0

Request translation check 5-8-2 FT69-11-769T

Backward light scattering (echo scattering) from objects
with rough surfaces and volume scattering.
N A Voyskville, et al
Zhurnal prikladnoy spektroskopii, v 9, 1, 1968, 137-143

In process as

HT Special 502-69

line
5/16 Aug 69

Study of Migration of Energy in Solutions
of Chlorophylls, by A. P. Losev,
Ye. I. Zen'kovich.
RUSSIAN, per, Zh Prikladnoy Spekt, Vol 9,
No 1, 1968, pp 144-151.
PPD-S-541

F7D Special 153-69

May 69

380,894

REQUEST TR CHECK'

31-3-2 BR70-11-8

The theory of stationary self-trapping of light
in nonlinear media

Yemel'yanov, V.P.

Russ per: Zhurnal prikladnoy spektroskopii, vol 9
no 1, 1968, 159-161

In process

HT 23-124-70

*Negative
13'Neill 70*

Stimulated Raman Scattering in Frozen Liquids, by
Ya. S. Bobovich.

RUSSIAN, par, Zhurnal Prikladnoy Spektroskopiy,
Vol 9, No 1, 1968, pp 162-164.

*FTD HT Special 130-70

FTD HT Special 254-69

May 70

Calculation of Frequencies and Intensities for
Multimode Laser Emission, by A. P. Khapalyuk.
RUSSIAN, por, Zhurnal Prikladnoy Spektroskopii,
Vol 9, No 2, 1968, pp 226-231.
FTD-HT Special 503-69

oct 69

393,085

On the Splitting of the P=O Band in the IR Spectra of
Some Cresylphosphates, by A. M. Noskov, 5 pp.
RUSSIAN, per, Zh Prikl Spekrosk, Vol 9, No 2, 1968,
pp 235-238.
GB/DEFDRIC-Tr-2190-72

Nov 72

On the Action of High Power Laser Radiation on
Photographic Materials, by F. A. Korolev, et al.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 9, No 2, 1968, pp 318-319.
FTD INT Special 503-69

oct 69

393,086

Energy Transfer Between Trivalent Chromium and
Ytterbium Ions in Silicate Glasses, by
G. A. Mokeyeva, et al.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 9, No 2, 1968, pp 326-328.
FTD HF Special 503-69

Oct 69

393,087

Two Lens Compensator for Hologram Chromatism, by
Sh. D. Kakichashvili.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii
Vol 9, No 2, 1968, pp 329-331.
FTD HT Special 503-69

oct 69

393,088

Use of a Laser Interferometer to Determine
Electron Density in the Pulse Discharge of a
Disintegrating Plasma, by V. V. Tatarinov.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 9, No 3, 1968, pp 369-373.
FTD MR Special 365-69

oct 69

393,089

Investigation of Infrared Dispersion Filters,
by N.A. Borisevich, V.G. Veneshchagin, et al.
9 pp.

RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 9, No 3, 1968, pp 412-417.
FD-8-589

77D Special 253-69

may 69

381,277

Shortening of Giant Pulses by Stimulated
Brillouin Scattering, by F. A. Korolev, et al.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 9, No 3, 1968, pp 506-507.
FTD MI Special 365-69

570-69

oct 69

393,090

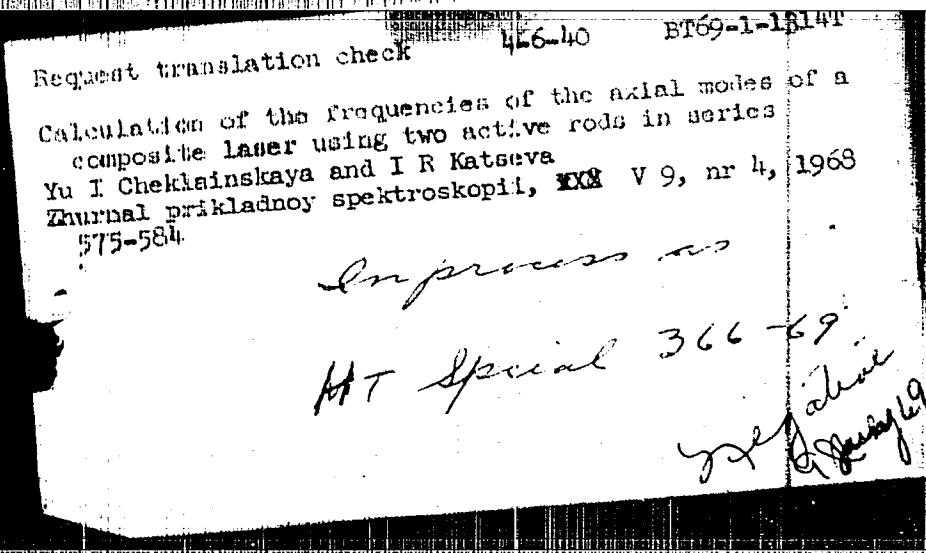
Thermal Sensor for the Study of Field Intensity
Distribution in an IR Laser Resonator, by
Ye. T. Antropov, et al.

RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 9, No 3, 1968, pp 531-532.
FTD HT Special 365-69

670 69

Oct 69

393,091



APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000301010058-0

Spectral Analysis of a Glow-Discharge Plasma
Used in CO₂ Laser, 3 pp.
RUSSIAN, per, Zh Prik Spekt, Vol 9, No 4, 1968,
pp 704-705, pp 704-705
ACSI J-7722
FSTC-INT-23-098-70

Sci-Phys
Jul 70

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000301010058-0

Calorimetric Method of Measuring the Reflection
Coefficient of Mirrors, by A. I. Barchukov.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 9, No 4, 1968, pp 706-709.
FTD INT Special 504-69

393,140

Use of a Laser With Fabry-Perot Interferometer for
Measurement of the Velocities of Particles
in Two-Phase Turbulent Streams, by
B. S. Rinkevichus, A. V. Tolkachev. 6 pp.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 9, No 5, pp 748-751. 1968
FTD S-815A 364-69

364-69

aug 69

389,759

Stable Q-Switch for a Neodymium Laser, by
Yu. M. Gryaznov.
RUSSIAN, rep, Minsk Zhurnal Prikladnoy Spektrosko-
pi, May 1969, pp 739-743.
FTD HT Special 71-57

mar 71

Investigation of the Emission of Xenon Flash
Lamps Producing Short Pulses, by A. D. Kelmentov.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 9, No 5, 1968, pp 756-760.
FTD HR Special 501-69

oct 69

393,092

Lasing of Dye Solutions by Excitation by the
Second Harmonic of a Ruby Laser, by
V. A. Mostovnikov. 14 pp.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 9, No 5, 1968, pp 776-783.
FID S-834B 364-69

364-69

aug 69

389,802

Generation of Light by Systems of Liquid Solutions
of Organic Dyes During Negative Absorption on
Activator Molecules and Induced Combination
Scattering on Matrix Molecules, by
Ye. A Tikhonov, 9 pp.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 9, No 5, 1968, pp 784-788
FTD S-8MEC 364-69

364-69

389,803

Resonance Radiation Transfer in a Finite
Layer, by Yu. A. Popov.
RUSSIAN, per, Zh Prikl Spektr, Vol 9,
No 5, 1968, pp 802-806.
CIA X-6913

NTC-67-12820-20F

Feb 69

375,377

Pulsed Laser Emission of Nitrogen Atoms in the
N₂-He Mixture, by N. A. Borisevich, et al.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 9, No 5, 1968, pp 807-811.
FTD HT Special 501-69

oct 69

393,093

Optical Absorption Spectra of LiF Crystals
With Magnesium Fluoride and Oxide Impurity, by
Z. N. Panova, et al.
RUSSIAN, per, Zhurnal Prikladnoy Spektroskopii,
Vol 9, No 5, 1968, pp 876-870.
FTD HT Special 633-69

Feb 70

401,005

Continuous Waves Laser on the Basis of
LaNa(HoO₄)₂-Nd³⁺ Crystals Operation at
300°K, by A. A. Kaminskiy.
RUSSIAN, per, Zh Prikl Spektr, Vol 9,
No 5, 1968, pp 884-886.
CIA X-6914

Feb 69

375,378

Possibilities for Using Lasers in the Monopulse Mode for Spectral Analysis, by V. V. Panteleyev.
6 pp.

RUSSIAN, per, Zh Prik Spekt Ak Nauk Belorus SSR, Vol 8, No 6, 1968, pp 905-908.

NASA TT F-12,697

Sci-Phys

403,169